

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Reissue Patent of:	Group Art Unit: 2183
Amos Intrater et al.	Examiner: Daniel H. Pan
Reissue Pat. No.: RE40,942 E	REQUEST FOR CERTIFICATE OF CORRECTION OF REISSUED PATENT FOR PTO MISTAKES UNDER 37 CFR §1.322 <u>WITH ATTACHED FORM PTO/SB/44</u>
Reissued: October 20, 2009	
For: INTEGRATED DIGITAL SIGNAL PROCESSOR/GENERAL PURPOSE CPU WITH SHARED INTERNAL MEMORY	

INTRODUCTORY COMMENTS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is a request for a Certificate of Correction, with an attached Form PTO/SB/44 that is suitable for printing. The error is located in:

Column 11, line 36, delete "[2. An integrated circuit" and replace with --2. An integrated circuit--. Claim 2 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Column 11, line 68, delete "sor.]" and replace with --sor.--. Claim 2 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Column 12, line 1, delete "[3. An integrated circuit" and replace with --3. An integrated circuit--. Claim 3 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Column 12, line 15, delete "internal memory.]" and replace with --internal memory--. Claim 3 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Column 12, line 16, delete "[4. A data processing" and replace with --4. A data processing--. Claim 4 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Column 12, line 51, delete "DSP operation.]" and replace with --DSP operation--. Claim 4 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Column 12, line 52, delete "[5. A data processing" and replace with --5. A data processing--. Claim 5 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Column 12, line 56, delete "DSP operation.]" and replace with --DSP operation--. Claim 5 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Column 12, line 57, delete "[6. A data processing" and replace with --6. A data processing--. Claim 6 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Column 12, line 60, delete "shared bus.]" and replace with --shared bus--. Claim 6 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Column 12, line 61, delete "[7. An integrated circuit" and replace with --7. An integrated circuit--. Claim 7 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Column 13, line 34, delete "interface unit.]" and replace with --interface unit--. Claim 7 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Column 13, line 35, delete "[8. A data processing" and replace with --8. A data processing--. Claim 8 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Column 13, line 40, delete "DSP instructions.]" and replace with --DSP instructions--. Claim 8 is an allowed claim as indicated on the attached copy of the Notice of Allowability.

Title Section, Item (56) References Cited, U.S. PATENT DOCUMENTS, delete all and replace with:

--4,467,414 A \* 8/1984 Akagi et al. 711/119

4,539,635 A \* 9/1985 Boddie et al. 712/234

4,799,144 A \* 1/1989 Parruck et al. 710/2, 712/33

4,991,169 A \* 2/1991 Davis et al. 370/463

5,630,153 A \* 5/1997 Intrater et al. 712/35--

MPEP §1456(VII.) states that "the Office will not print in the reissue patent "References Cited" section any reference cited in the patent but not again cited in the reissue application." (Copy attached.) A review of the Image File Wrapper in PAIR appears to indicate that the above five patents were the only patents cited during the prosecution of the reissue application. (Copy of two Forms PTO-1449

RE40,942 E

REISSUE PATENT

(Modified) (PAIR dated 6/19/01 and 6/12/08) and two Forms PTO-892 (PAIR dated 6/19/01 and 9/29/05) from the reissue prosecution are attached.)

Title Section, Item (56) References Cited, OTHER PUBLICATIONS, delete all and replace with:

--Digital Signal Processing Applications with the TMS320 Family, vol. 1, Edited by Kun-Shan Lin, Ph.D., Sep. 1989, pp. 12, 369-373, and 375-378 (pp. 369-373 and 375-378 are from Chapter 13, TMS32020 and MC68000 Interface, by Charles Crowell).--

MPEP §1456(VII.) states that "the Office will not print in the reissue patent "References Cited" section any reference cited in the patent but not again cited in the reissue application." (Copy attached.) A review of the Image File Wrapper in PAIR appears to indicate that the above publication was the only publication cited during the prosecution of the reissue application. (Copy of two Forms PTO-1449 (Modified) (PAIR dated 6/19/01 and 6/12/08) and two Forms PTO-892 (PAIR dated 6/19/01 and 9/29/05) from the reissue prosecution are attached.)

Please send the Certificate to:

Law Office of Mark C. Pickering  
P.O. Box 151440  
San Rafael, CA 94915-1440  
Customer No. 86,236

Respectfully submitted,

Dated: October 28, 2009 By: /Mark C Pickering/  
Mark C. Pickering Registration No. 36,239

Attorney for Assignee

Request for Certificate of Correction of  
Patent for PTO Mistakes 37 CFR §1.322

Atty. Docket No. 100-14299  
(P01469-R1)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : RE40,942 E  
APPLICATION NO.: 09/234,427  
ISSUE DATE : October 20, 2009  
INVENTOR(S) : Amos Intrater et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 11, line 36, delete "[2. An integrated circuit]" and replace with --2. An integrated circuit--.  
Column 11, line 68, delete "sor.]" and replace with --sor.--.  
Column 12, line 1, delete "[3. An integrated circuit]" and replace with --3. An integrated circuit--.  
Column 12, line 15, delete "internal memory.]" and replace with --internal memory.--.  
Column 12, line 16, delete "[4. A data processing]" and replace with --4. A data processing--.  
Column 12, line 51, delete "DSP operation.]" and replace with --DSP operation.--.  
Column 12, line 52, delete "[5. A data processing]" and replace with --5. A data processing--.  
Column 12, line 56, delete "DSP operation.]" and replace with --DSP operation.--.  
Column 12, line 57, delete "[6. A data processing]" and replace with --6. A data processing--.  
Column 12, line 60, delete "shared bus.]" and replace with --shared bus.--.  
Column 12, line 61, delete "[7. An integrated circuit]" and replace with --7. An integrated circuit--.  
Column 13, line 34, delete "interface unit.]" and replace with --interface unit.--.  
Column 13, line 35, delete "[8. A data processing]" and replace with --8. A data processing--.  
Column 13, line 40, delete "DSP instructions.]" and replace with --DSP instructions.--.

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Law Office of Mark C. Pickering  
P.O. Box 151440  
San Rafael, CA 94915-1440

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 2 of 2

PATENT NO. : RE40,942 E  
APPLICATION NO.: 09/234,427  
ISSUE DATE : October 20, 2009  
INVENTOR(S) : Amos Intrater et al

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—4,467,414 A \* 8/1984 Akagi et al. 711/119  
4,539,635 A \* 9/1985 Boddie et al. 712/234  
4,799,144 A \* 1/1989 Parruck et al. 710/2, 712/33  
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5,630,153 A \* 5/1997 Intrater et al. 712/35—

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Law Office of Mark C. Pickering  
P.O. Box 151440  
San Rafael, CA 94915-1440

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*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

11

# **Notice of Allowability**

Application No.

09/234,427

Examiner

Daniel Pan

Applicant(s)

INTRATER ET AL

Art Unit

2183

-- **The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**  
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 02/03/08.
2. ☒ The allowed claim(s) is/are 2-8 and 45-51 (claims 1,9,10, 11-44 have been canceled).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of the:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  
(a) ☐ Including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.  
(b) ☐ Including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.  
**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## **Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 01/20/99
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

DANIEL H. PAN  
PRIMARY EXAMINER  
GROUP 1

## V. PROVIDING PROPER FORMAT

Where a reissue application has not been prepared in the above-indicated manner, the examiner may obtain from the applicant a clean copy of the reissue specification prepared in the indicated form, or a proper submission of a previously improperly submitted amendment. However, if the deletions from the original patent are small, the reissue application can be prepared for issue by putting the bracketed inserts at the appropriate places and suitably numbering the added claims.

When applicant submits a clean copy of the reissue specification, or a proper submission of a previous improper amendment, a supplemental reissue declaration should **not** be provided to address this submission, because the correction of format does not correct a 35 U.S.C. 251 error in the patent.

## VI. PARENT APPLICATION DATA

All parent application data on the bibliographic data sheet of the original patent file (or front face of the original patent file wrapper if the original patent is a paper file) should be present on the bibliographic data sheet of the reissue application.

It sometimes happens that the reissue is a continuation >reissue application< of another reissue application, and there is also original-patent parent application data. The examiner should ensure that the parent application data on the original patent is properly combined with the parent application data of the reissue, in the text of the specification and on the bibliographic data sheet\*\*. The combined statement as to parent application data should be checked carefully for proper bracketing and underlining.

## VII. REFERENCES CITED AND PRINTED

The list of references to be printed in the reissue patent includes all the references cited during the prosecution of the reissue application. It is noted that the Office will not print in the reissue patent "References Cited" section any reference cited in the patent but not again cited in the reissue application. A patent cannot be reissued solely for the purpose of adding citations of additional prior art.

## VIII. EXAMINER'S AMENDMENT AND SUPPLEMENTAL DECLARATION

When it is necessary to amend the reissue application in order to place the application in condition for allowance, the examiner may:

(A) request that applicant provide the amendments (e.g., by facsimile transmission or by hand-carry); or

(B) make the amendments, with the applicant's approval, by a formal examiner's amendment.

If the changes are made by a formal examiner's amendment, the *entire* paragraph(s) or claim(s) being amended need not be presented in rewritten form for any deletions or additions. Changes to the specification including the claims of an application made by the Office in an examiner's amendment may be made by specific instructions to insert or delete subject matter set forth in the examiner's amendment by identifying the precise point in the specification or the claim(s) where the insertion or deletion is to be made. 37 CFR 1.121(g).

If it is necessary to amend a claim or the specification in order to correct an "error" under 35 U.S.C. 251 and thereby place the application in condition for allowance, then a supplemental oath or declaration will be required. See MPEP § 1444. The examiner should telephone applicant and request the supplemental oath or declaration, which must be filed before the application can be counted as an allowance.

## IX. FINAL REVIEW OF THE REISSUE APPLICATION BY THE EXAMINER

\*\*>Before< forwarding a reissue application to the Technology Center (TC) Special Program Examiner (SPRE) >or appropriate Quality Assurance Specialist (QAS)< for final review, the examiner should complete and initial an Examiner Reissue Checklist. A copy of the checklist should be available from the \*>SPRE/QAS< or from the Paralegal Specialist of the TC.

### 1456 Reissue Review [R-7]

All reissue applications are monitored and reviewed in the Technology Centers (TCs) by the Office of TC Special Program Examiners >or appropriate Quality Assurance Specialist (QAS)< (which



6-19-01

FORM PTO-1449 (Modified) (Rev. 7-80)		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. NSC8-8400		Patent No. 5,630,153	
INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)				Applicant(s) Amos Intrater et al.		Group 213	
				Issue Date May 13, 1997			
U.S. PATENT DOCUMENTS							
*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
	AA						
	AB						
FOREIGN PATENT DOCUMENTS							
*Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation YES NO
	AC						
OTHER DOCUMENTS							
h	AD	Digital Signal Processing Applications with the TMS320 Family, Vol. 1, Edited by Kun-Shan Lin, Ph.D., September 1989, pages 12, 369-373, and 375-378 (Pages 369-373 and 375-378 are from Chapter 13, TMS32020 and MC68000 Interface, by Charles Crowell).					
Examiner		Date Considered					
[Signature]		8/28/92					
* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

IDS cited

on 12/28/99

D.P.

PATENT

-2-

6-12-08

Sheet 1 of 1

FORM PTO-1449 (Modified) (Rev. 7-80)		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. NSC8-8400		Patent No. 5,630,153	
INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)				Applicant(s) Amos Intrater et al.			
				Issue Date May 13, 1997		Group 413	
U.S. PATENT DOCUMENTS							
*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
	AA						
	AB						
FOREIGN PATENT DOCUMENTS							
*Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation YES NO
	AC						
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Examiner							
				Date Considered 8/20/92			
* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

IDS dated

~~FILED~~ on 11/20/92 and Received on 01/20/1999

D.P.

D.P. 07/06

6-19-01

# Notice of References Cited

Applicant/Patent  
Intrater et al.

Application/Control No.  
09/234,427

Examiner  
Pan

Art Unit  
2183

Page 1 of 1

## U.S. PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY <sup>1</sup>	Name	Classification <sup>2</sup>	
A	5,630,153	5/1997	Intrater et al.	712	35
B	4,799,144	1/1989	Parruck et al.	712	33
C	4,467,414	8/1984	Akagi et al.	711	119
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					

## FOREIGN PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY <sup>1</sup>	Country	Name	Classification <sup>2</sup>	
N						
O						
P						
Q						
R						
S						
T						

## NON-PATENT DOCUMENTS

Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages						
U						
V						
W						
X						

\* A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a).

<sup>1</sup> Dates in MM-YYYY format are publication dates.

<sup>2</sup> Classifications may be U.S. or foreign.

9-29-05

<b>Notice of References Cited</b>	Application/Control No. 09/234,427	Applicant(s)/Patent Under Reexamination INTRATER ET AL.	
	Examiner Daniel Pan	Art Unit 2183	Page 1 of 1

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	A	US-4,799,144	01-1989	Parruck et al.	710/2
	B	US-4,467,414	08-1984	Akagi et al.	711/119
	C	US-4,539,635	09-1985	Boddie et al.	712/234
	D	US-4,991,169	02-1991	Davis et al.	370/463
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

## FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

## NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

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